

LISTING OF THE CLAIMS PER 37 C.F.R. §1.121

1. (Currently Amended) A device-initiated image processing transaction method, comprising ~~the steps of:~~

capturing an image by at least one imaging appliance;

determining whether said at least one imaging appliance comprises image processing capability sufficient to process said image; and

initiating by said at least one imaging appliance a transaction session with an image processing service provider coupled to said at least one imaging appliance via a network for effectuating one of an image push operation whereby said image is transmitted to said image processing service provider for processing in a select manner by a host processing engine co-located thereat and a pull operation whereby said host processing engine is downloaded for locally processing said image in said select manner.

2. (Original) The method as set forth in claim 1, wherein said at least one imaging appliance is selected from the group consisting of a digital camera, a scanner, a hand-held Optical Character Recognition (OCR) reader, a camcorder, and a device using a predetermined portion of the electro-magnetic spectrum for image capture.

3. (Original) The method as set forth in claim 1, wherein said host processing engine comprises an image compression algorithm.

4. (Original) The method as set forth in claim 1, wherein said host processing engine comprises an image decompression algorithm.

5. (Original) The method as set forth in claim 1, wherein said host processing engine comprises an image formatting algorithm.

6. (Original) The method as set forth in claim 1, wherein said host processing engine comprises an image translation algorithm.

7. (Original) The method as set forth in claim 1, wherein said host processing engine comprises an image transformation algorithm.

8. (Currently Amended) The method as set forth in claim 1, further comprising ~~the step of~~ generating a transformed image by said image processing service provider after processing said image in said select manner.

9. (Currently Amended) The method as set forth in claim 8, further comprising ~~the step of~~ transmitting said transformed image directly to a third-party node disposed on said network.

10. (Currently Amended) The method as set forth in claim 9, wherein said ~~step of~~ transmitting said transformed image is effectuated via broadband transmission.

11. (Currently Amended) The method as set forth in claim 8, further comprising ~~the step of~~ retrieving said transformed image by said at least one imaging appliance.

12. (Currently Amended) The method as set forth in claim 1, further comprising ~~the step of~~ generating a transformed image by said at least one imaging appliance after processing said image in said select manner by using said host processing engine downloaded from said image processing service provider.

13. (Currently Amended) The method as set forth in claim 12, further comprising ~~the step of~~ transmitting said transformed image to a third-party node disposed on said network.

14. (Currently Amended) The method as set forth in claim 13, wherein said ~~step of~~ transmitting said transformed image is effectuated via broadband transmission.

15. (Currently Amended) A device-initiated image processing transaction system, comprising:

means for capturing an image by at least one imaging appliance;

means for determining whether said at least one imaging appliance comprises image processing capability sufficient to process said image;

means for initiating by said at least one imaging appliance a transaction session with an image processing service provider coupled to said at least one imaging appliance via a network; and

means for effectuating one of an image push operation whereby said image is transmitted to said image processing service provider for processing in a select manner by a host processing engine co-located thereat and a pull operation whereby said host processing engine is downloaded for locally processing said image in said select manner.

16. (Currently Amended) The system as set forth in claim 15, ~~further comprising means for determining whether~~ wherein said image processing capability of said at least one imaging appliance ~~includes~~ comprises a local processing engine capable of processing said image in said select manner.

17. (Original) The system as set forth in claim 15, wherein said at least one imaging appliance is selected from the group consisting of a digital camera, a scanner, a hand-held Optical Character Recognition (OCR) reader, a camcorder, and a device using a predetermined portion of the electro-magnetic spectrum for image capture.

18. (Original) The system as set forth in claim 15, wherein said host processing engine comprises at least one of an image compression algorithm, an image decompression algorithm, an image translation algorithm, an image transformation algorithm and an image formatting algorithm.

19. (Currently Amended) A computer-readable medium operable with an imaging appliance disposed in a network, said computer-readable medium carrying a sequence of instructions which, when executed by a processing subsystem associated with said imaging appliance, causes the following ~~steps~~ to be performed:

determining whether said at least one imaging appliance comprises image processing capability sufficient to process said image in a select manner;

~~if said imaging appliance does not include a local processing engine capable of processing an image captured by said imaging appliance in a select manner,~~ initiating by said imaging appliance a transaction session with an image processing service provider coupled to said at least one imaging appliance via said network; and

effectuating one of an image push operation whereby said image is transmitted to said image processing service provider for processing in said select manner by a host processing engine co-located thereat and a pull operation whereby said host processing engine is downloaded for locally processing said image by said imaging appliance in said select manner.



20. (Original) The computer-readable medium as set forth in claim 19, wherein said at least one imaging appliance is selected from the group consisting of a digital camera, a scanner, a hand-held Optical Character Recognition (OCR) reader, a camcorder, and a device using a predetermined portion of the electro-magnetic spectrum for image capture.

21. (Original) The computer-readable medium as set forth in claim 19, wherein said host processing engine comprises at least one of an image compression algorithm, an image decompression algorithm, an image translation algorithm, an image transformation algorithm and an image formatting algorithm.

22. (Currently Amended) The computer-readable medium as set forth in claim 19, further ~~including~~ comprising an additional sequence of instructions executable on said processing system for ~~performing the step of~~ generating a transformed image by said at least one imaging appliance ~~after~~ after processing said image in said select manner by using said host processing engine downloaded from said image processing service provider.

23. (Currently Amended) The computer-readable medium as set forth in claim 22, further ~~including~~ comprising an additional sequence of instructions executable on said processing system for ~~performing the step of~~ transmitting said transformed image to a third-party node disposed on said network.

24. (Currently Amended) The computer-readable medium as set forth in claim 23, wherein said ~~step of~~ transmitting said transformed image is effectuated via broadband transmission.